



State of Utah
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DIVISION OF OIL, GAS AND MINING

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June 4, 1996

TO: Minerals File

FROM: Tom Munson, Reclamation Hydrologist *DW/H/TM*

RE: Site Inspection, Dry Fork Canyon Project, Kennecott Utah Copper, M/035/002, Salt Lake County, Utah

Date of Inspection: Tuesday May 28, 1996

Time of Inspection: 10:00 a.m.-12:30 p.m.

Conditions: Sunny and Cold

Participants: Jon Cherry, John Callender, Charlie Mason, Rich Borden, KUC; Wayne Hedberg, Tom Munson, DOGM

Purpose of Inspection: To inspect the proposed location (up Dry Fork Canyon) for KUC's latest permit amendment involving a new access road and water management ponds.

After briefly meeting at Kennecott's offices, we drove up onto the top of the Dry Fork Dump. We looked up canyon from the northwestern end of the waste dump and saw the existing Queen Mary Pond. This pond contains the Mid Valley Drop Shaft and is located in the canyon bottom at the toe of the dump. Looking further up Dry Fork Canyon, Kennecott personnel pointed out another drop shaft location and beyond this (to the north) the Barney's Canyon/Melco dump slopes were visible. Looking up canyon to where Dry Fork bends to the left, we were able to see the downstream footprint of the Clean Water Catch Basins that will contain about 15 acre feet of clean runoff water. The "pioneered" road that has been started to access the proposed location of those ponds is found on the upper left hand (west) side of the canyon, looking up canyon from the dump. It is well above the present height of the dump, but it will be at the approximate final height of the completed dump. About two miles of the road have been roughed out and two more miles will need to be constructed which will cross a new section of land presently not within KUC's permit area boundary. Kennecott is asking for an expeditious review and approval of the road. They need to relocate a power line presently situated at the bottom of the dump which will shortly be covered with mine waste rock. The power line will be relocated along the new access road leading to the new clear water pond area.

After we viewed the road and the pond locations we briefly toured a new solvent extraction - electrowinning (SX/EW) pilot plant which was built about a year ago on top of the Dry Fork Canyon dump. The leach pad and closed-circuit processing facilities area was visually estimated at 5 or less acres and is located on previously disturbed acreage. This was the first time we had any knowledge of the construction of this pilot scale test facility.



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After touring the SX/EW plant we continued down Bingham Canyon and viewed the outlet of the Dry Fork Tunnel which will be extended 2000 feet underground up Dry Fork Canyon and tie into the Mid Valley Drop Shaft.

At the conclusion of the meeting we discussed permitting timeframes. Kennecott expressed their need to get the road permitted as soon as possible, so they could go ahead with construction of the new power line and ultimately the Clean Water Ponds upon final approval of the permit amendment. We stated that the issue of reclamation bonding for this project would need to be looked at and we would try and respond back to them within the next couple of weeks.

jb
cc: Jon Cherry, KUC
John Whitehead, DEQ
Minerals staff (route)
dry.mem